

ENGINEERING MANAGEMENT SUPPORT INC.

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March 10, 2015

VIA: Electronic Mail

U.S. Environmental Protection Agency
Region VII SUPR/MOKS
11201 Renner Boulevard
Lenexa, KS 66219

ATTENTION: Mr. Bradley Vann

SUBJECT: Monthly Progress Report – February 2015
Removal Action – Preconstruction Work
West Lake Landfill Superfund Site, Bridgeton, Missouri

Dear Mr. Vann,

On behalf of Bridgeton Landfill, LLC., and Rock Road Industries, Inc. (the “Respondents”), Engineering Management Support Inc. (EMSI) submits the attached progress report for the month of February 2015 as required by paragraph 34a of the Administrative Settlement Agreement and Order on Consent (ASAOC), EPA Docket No. CERCLA-07-2014-0002. If you have any questions or desire additional information related to this status report or any other aspect of the project, please do not hesitate to contact me.

Sincerely,
ENGINEERING MANAGEMENT SUPPORT, Inc.

A handwritten signature in black ink, appearing to read 'P. Rosasco', with a stylized flourish extending from the end.

Paul V. Rosasco, P.E.

Distribution:

Brian Power – Bridgeton Landfill LLC
Joe Benco – Republic Services, Inc.
Jessie Merrigan – Lathrop & Gage
Dan Feezor – Feezor Engineering
Mike Bollenbacher – Auxier & Associates
Randy Bodnar – Civil & Environmental Consultants

Monthly Status Report – February 2015
West Lake Landfill Operable Unit 1
Bridgeton, Missouri

This status report has been prepared by Engineering Management Support Inc. (EMSI) on behalf of Cotter Corporation (N.S.L.), Bridgeton Landfill, LLC (formerly known as Laidlaw Waste Systems [Bridgeton] Inc.), Rock Road Industries, Inc., and the United States Department of Energy (the “Respondents”) for Operable Unit - 1 (OU-1) at the West Lake Landfill as required by paragraph 56 of the West Lake Landfill Administrative Order on Consent, Docket No. VII-93-F-005.

1. Work Performed During February 2015

Project Planning

EPA comments on the various work plans prepared for the additional Supplemental Feasibility Study (SFS) evaluations were received on August 16, 2013. A meeting was held with EPA and MDNR on September 24, 2013 to discuss comments on the work plans for the additional SFS evaluations. Revisions to the work plans for evaluations of alternative Area 2 depths and volumes, apatite treatment technologies and additional discount rate were prepared and submitted to EPA and MDNR on October 31, 2013. A revised work plan for evaluation of alternative landfill cover designs was submitted to EPA and MDNR on February 21, 2014. A revised work plan for performance of fate and transport evaluations was submitted to EPA and MDNR on September 4, 2014. EPA approval of the work plans for additional discount rate evaluations and evaluation of alternative landfill cover designs was received on September 19, 2014. EPA comments on the revised work plan for performance of fate and transport evaluations were received on December 19, 2014.

A draft Remedial Design Work Plan was submitted to EPA in November 2008. In accordance with direction from EPA, all work on design of the ROD-selected remedy has been put on hold.

Fieldwork - Sample Collection/Analysis

Installation of air monitoring stations pursuant to the Administrative Settlement Agreement and Order on Consent (ASAOC) for Removal Action – Preconstruction Work continued during this period.

Report Preparation

A memorandum summarizing the results of additional discount rate evaluations was submitted to EPA and MDNR on October 31, 2014. A report of the evaluation of alternative landfill cover design was submitted to EPA and MDNR on January 27, 2015.

A report on the preliminary (“back-of-the-envelope”) volume estimates for potential partial excavation options identified by EPA was submitted to EPA and MDNR on October 31, 2014. EPA and MDNR comments on the preliminary volume estimates for the various partial excavation options were received on December 19, 2014 and February 2, 2015, respectively. Responses to these comments were prepared and submitted to EPA and MDNR on February 13, 2015.

The monthly progress report for January 2015 was prepared and submitted to EPA and MDNR on February 10, 2015.

Project Management

None.

Meetings

A conference call was held with EPA on February 10, 2015 to discuss EPA comments on the revised Fate and Transport Evaluation Scope of Work.

A conference call was held with EPA and USGS on February 17, 2015 to discuss questions and comments related to the U.S. Geological Survey’s report titled “Background Groundwater Quality, Review of 2012-14 Groundwater Data, and Potential Origin of Radium at the West Lake Landfill Site, St. Louis County, Missouri.”

Correspondence

None.

2. Analytical Data Collected During This Reporting Period

None.

3. Work Scheduled to be Performed during March and April 2015

The following activities are expected to be performed during March and April 2015:

- Continued installation of air monitoring stations and initiation of air monitoring activities (pursuant to the ASAO for Removal Action – Preconstruction Work);
- Preparation of an addendum to the existing work plans for gamma cone penetrometer testing (GCPT) and core sampling to address additional characterization of the extent of RIM in the western and southwestern portions of Area 1;
- Subject to EPA approval of the addendum to the GCPT and Core Sampling Work Plans, initiate activities for the additional characterization work;
- Preparation of a revised work plan for performance of fate and transport evaluations;
- Preparation of a summary report that presents the data from the four additional groundwater monitoring events (July/August 2012, April 2013, July 2013, and October 2013) and provides interpretation of the results for the four events;
- Subject to receipt of EPA approval on the revised work plans, preparation alternative volume estimates for Area 2 and evaluation of apatite treatment technologies; and
- Continued work on assembling, verifying and assembling historic site data into a form suitable for loading into EQUIS.

4. Problems Encountered

None.